EAST SEARCH TAGGED	H TAGGED						
patent #	type	pub date	title	class1	class2	inventor	
US 5642299 A	USPAT	19970624	19970624 Electro-optical range finding 702/142 and speed detection system	702/142	340/937; 356/3; 356/4.01; 382/106; 701/300; 702/159	Hardin, Larry C. et al.	
US 5581298 A	USPAT	19961203 Color appar	signal processing atus using plural ance signals	348/222.1	348/223.1; 348/237; 348/254; 348/279	348/223.1; 348/237; Sasaki, Takashi et al. 348/254; 348/279	
US 6768820 B1	USPAT	20040727	20040727 Method and system for extracting data from surface array deposited features	382/289	382/129	Yakhini, Zohar H. et al.	
US 6636646 B1	USPAT	20031021	20031021 Digital image processing method and for brightness adjustment of digital images	382/274	358/515; 358/518; 358/520; 382/162; 382/165; 382/167; 382/275	Gindele, Edward B.	
US 5835620 A	USPAT	19981110	19981110 Boundary mapping system 382/133 and method	382/133	356/629; 382/128	Kaplan, Eran et al.	
US 6304684 B1	USPAT	20011016	20011016 Information processing system and method of using same	382/318	348/110; 348/96; 382/319	Niczyporuk, Marek A. et al.	
US 5038216 A	USPAT	19910806	19910806 Automatic brightness algorithm in a slide to video transfer unit	348/364	348/111	Easterly, Robert W. et al.	

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	DATABASE	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
SH HISTORY	QUERY	2 4803548.pn.	4803548.URPN.	(color adj1 filter adj1 array) or cfa	((row and column) or USPAT; U (horizontal and vertical) or EPO; JPO (("X" or "X") and ("Y" or "y")) or IBM_TDB (ordinate and abscissa))	((row and column) or USPAT; U (horizontal and vertical) or EPO; JPC (("X" or "X") and ("Y" or "y")) or IBM_TDB (ordinate and abscissa)) with (aggregate or total or sum)	(frow and column) or USPAT; U (horizontal and vertical) or EPO; JPO (("X" or "x") and ("Y" or "y")) or IBM_TDB (ordinate and abscissa)) with (aggregate or total or sum) same ((linear adj1 regress\$6) or (least adj square\$3) or (fit near3 line))	((frow and column) or USPAT; U (horizontal and vertical) or EPO; JPO (("X" or "x") and ("Y" or "y")) or IBM_TDB (ordinate and abscissa)) with (aggregate or total or sum) same ((linear adj1 regress\$6) or (least adj square\$3) or (fit near3 line))) and (382.clas. or 33870.ccls.)
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S-PG	S-PG	S-PG	USPAT, US-PGPUB; EPO; JPO; DERWEN IBM_TDB
J.TDB TTDB	USPAT; U EPO; JPO IBM_TDB	USPAT; U	USPAT; U EPO; JPO IBM_TDB
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	18876 ((row or horizontal or ("X" or "x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count))	73,	70716 (382.clas. or 348.clas. or 438/70.ccls.) and @ad<20010110

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
((((row or horizontal or ("X" or USPAT; US-PGPUB; "X") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count)) and ((linear adj1 regress\$6) or ((least adj square\$3) or (fit near3 line))) and ((382.clas. or 348.clas. or 438/70.ccls.)	((((row or horizontal or ("X" or "x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count))) and ((linear adj1 regress\$6) or (least adj square\$3) or (fit near3 line))) and (382.clas. or 348.clas. or 438/70.ccls.) and @ad<20010110) and (not (((row and column) or thorizontal and vertical) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa)) with (aggregate or total or sum) same ((linear adj1 regress\$6) or (least adj square\$3) or (fit near3 line))) and (382.clas. or 348.clas. or 438/70.ccls.)))
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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
89((((row or horizontal or ("X" or USPAT; US-PGPUB; "X") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count))) and ((linear adj1 regress\$6) or ((least adj square\$3) or (fit near3 line))) and ((382.clas. or 348.clas. or 438/70.ccls.) and @ad<20010110) and (not ((("X" or "x") and ("Y" or "y")) or (ordinate and abscissa)) with	(aggregate or total or sum) same ((linear adj1 regress\$6) or (least adj square\$3) or (fit near3 line))) and (382.clas. or 348.clas. or 438/70.ccls.)))	5/09 (color adj1 filter adj1 array) or USPA1; US-PGPUB; cfa IBM_TDB	5709 (color adj1 filter adj1 array) or USPAT; US-PGPUB; cfa lend CPO; JPO; DERWEN IBM_TDB
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			near3 line))) and ((382.clas.
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USPAT; US-PGPUB; EPO; JPO; DERWEN] IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
of ((color adj1 filter adj1 array) or USPAT; US-PGPUB; cfa) and (((((row or horizontal EPO; JPO; DERWENT; or ("X" or "x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count))) and ((linear adj1 regress\$6) or (fit near3 line))) and ((382.clas. or 438.70.ccls.) and @ad<20010110) and (not ((("X" or "x") and ("Y" or "y")) or (("X" or "x") and ("Y" or "y")) or (("X" or "x") and ("Y" or "y")) or ((aggregate or total or sum) same ((linear adj1 regress\$6) or (least adj square\$3) or (fit near3 line))) and (382.clas. or 438.70.ccls.)))	65180 (linear adj1 regress\$6) or (least adj square\$3) or (fit\$5 near3 line)	156 ((color adj1 filter adj1 array) or USPAT; US-PGPUB; cfa) and ((linear adj1 EPO; JPO; DERWEN regress\$6) or (least adj IBM_TDB square\$3) or (fit\$5 near3 line))
0	65180	156

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
89((((row or horizontal or ("X" or USPAT; US-PGPUB; "x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count))) and ((linear adj1 regress\$6) or (least adj square\$3) or (fit near3 line))) and (382.clas. or 348.clas. or 438/70.ccls.) and @ad<20010110) and (not (((row and column) or (horizontal and vertical) or (horizontal and abscissa)) with (aggregate or total or sum) same ((linear adj1 regress\$6) or (least adj square\$3) or (fit\$5 near3 line))) and (382.clas. or 348.clas. or 438/70.ccls.)))	91 ((color adj1 filter adj1 array) or USPAT; US-PGPUB; cfa) and ((linear adj1 EPO; JPO; DERWEN regress\$6) or (least adj square\$3) or (fit\$5 near3 line)) and @ad<20010110	11 ((color adj1 filter adj1 array) or USPAT. US-PGPUB. cfa) and ((linear adj1 regress\$6) or (least adj square\$3) or (iti\$5 near3 line)) and @ad<20010110 and (382.clas. or 348.clas. or 438/70.ccls.)
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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
13 ((color adj1 filter adj1 array) or USPAT; US-PGPUB; cfa) and ((regress\$6) or EPO; JPO; DERWEN (least adj square\$3) or (fit\$5 IBM_TDB near3 line)) and @ad<20010110 and (382.clas. or 348.clas. or 438770.ccls.)	2 (((color adj1 filter adj1 array) USPAT; US-PGPUB; or cfa) with reconstruct\$6) and EPO; JPO; DERWENT; ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line)) and @ad<20010110	2 20020122175.pn.	17685 (((row or horizontal or ("X" or "x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8)))	18059 (((row or horizontal or ("X" or "x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count)))	827 (((row or horizontal or ("X" or or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8))) same vector

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
((row or horizontal or ("X" or "X") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "Y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8))) same vector and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))		14 ((((row or horizontal or ("X" or "x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8))) same vector and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))) and ((382.clas. or 348.clas. or 438/70.ccls.) and @ad<20010110)	55 ((((row or horizontal or ("X" or ("X") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8))) same vector and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))) and @ad<20010110

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
100 (((row or horizontal or ("X" or "x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8))) same vector and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))	40 ((projection adj (pofile or integral or histogram)) or ((vertical or horizontal) adj (histogram))) and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))	171 ((projection near3 (pofile or integral or histogram)) or E ((vertical or horizontal) adj III (histogram))) and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))	5709 (color adj1 filter adj1 array) or leading cfa	0 (((projection near3 (pofile or lintegral or histogram)) or ((vertical or horizontal) adj (histogram))) and ((regress\$6) or ((least adj square\$3) or (fit\$5 near3 line))) and ((color adj1 filter adj1 array) or cfa)	70716 (382.clas. or 348.clas. or 438/70.ccls.) and @ad<20010110

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
291 (((projection near3 (pofile or integral or histogram)) or ((vertical or horizontal) adj (histogram))) and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))) and10	24 (((projection near3 (pofile or lintegral or histogram)) or ((vertical or horizontal) adj (histogram))) and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))) and ((382.clas. or 348.clas. or 438/70.ccls.) and @ad<20010110)	35 dance-c\$9.in.	0 dance-chr\$9.in.	2 6577762.pn.	2 4803548.pn.	2 20020122175.pn.	2 4803548.pn.
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PGPUB; DERWENT	PGPUB; DERWENT	PGPUB
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or scanline) with (choos\$6 or select\$6 or descrimin\$8 or designat\$6 or accept\$6 or reject\$6 or reject\$6 or remov\$5 or delet\$6 or discard or determin\$8) with (variance or variation or deviation or noisy or noise or ".sigma" or co?variance or covariance or varying or unifom\$5 or chang\$6 or corrleation or disparit\$4) with (aggregate or total or sum or count or intergra\$8) and (382.clas. and (((row or column or scan?line or scanline) with (choos\$6 or select\$6 or descrimin\$8 or designat\$6 or descrimin\$8 or delet\$6 or descrimin\$8 or delet\$6 or deviation or noisy or noise or ".sigma" or co?variance or covariance or varying or unifom\$5 or chang\$6 or corrleation or disparit\$4) and (382.clas. and disparit\$4) and (382.clas. and	@ad<20010110)) and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))))	
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USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT: US-PGPUB: EPO: JPO; DERWENT; IBM_TDB	VENT;
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USPAT; US-PGPUB; EPO; JPO; DERWEN IBM_TDB	USPAT: US-PGPUB; EPO: JPO; DERWEN IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
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ow or small or little or le east) nea3 (variance or ariance or co?variance andard adj1 deviation) o liation or disparity or formity)) with (row or umn)) or (uniform near3 (row or coloumn)) or (nonuniform near3 (row or coloumn)) or (nonuniform var3 (row or coloumn)) or (nonuniform varying near3 (row or coloumn)) or (changing near3 (row or coloumn))	ow or small or little aast) nea3 (variance ariance or co?variand ndard adj1 deviation or disparity or or coloumn)) or (uniform near) (vor coloumn)) or (nonuniform near3 (row or coloumn)) or (changing near3 (row or coloumn)) or (changing or coloumn)) and (changing or coloumn)) and (changing or coloumn)) or (changing or coloumn))	or little zariano 2?varia 1eviatic arity or (row o
nea3 (ce or ce or	r small ce or c ce or c d adj 1 or disp or disp or disp or disp or dun oloum oloum oloum oloum oloum oloum oloum oloum oloum ce ce ce or c (un oloum oloum oloum ce ce ce oloum ce	small on nea3 (vector) on disport of disport
189600 (((low or small or little or less or least) nea3 (variance or covariance or covariance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column)) or (uniform near3 (row or coloumn)) or (nonuniform near3 (row or coloumn)) or (nonuniform near3 (row or coloumn)) or (flat near3 (row or coloumn)) or (varying near3 (row or coloumn)) or (varying near3 (row or coloumn)) or (varying near3 (row or coloumn))	or least) nea3 (variance or covariance or covariance or covariance or covariance or covariance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column)) or (uniform near3 (row or coloumn)) or (non?uniform near3 (row or coloumn)) or (nonuniform near3 (row or coloumn)) or (staying near3 (row or coloumn)) or (varying near3 (row or coloumn)) or (varying near3 (row or coloumn)) and (382.clas. and @ad<20010110)	184908 (((low or small or little or less or least) nea3 (variance or covariance or covariance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column))
9600 (((i) con our in o	((((() cov variant) (() cov () cov () cov () (() cov () () () () () () () () () () () () ()	908 S or (S) or
<u></u>		184

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO, JPO, DERWENT, IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
184908 (((low or small or little or less or least) nea1 (variance or covariance or covariance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column))	188 (((low or small or little or less or least) near1 (variance or covariance or covariance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column))	5 ((((low or small or little or less Ur least) near1 (variance or covariance or covariance or little (standard adj1 deviation) or variation or disparity or uniformity) with (row or column))) and (382.clas. and @ad<20010110)	2 (((()ow or small or little or less or least) near1 (variance or covariance or co?variance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column))) and (348.clas. and @ad<20010110)	2 ((((low or small or little or less to reast) neart (variance or covariance or co?variance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column))) and (356.clas. and @ad<20010110)
184908	88	<u>υ</u>	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 8

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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
313 (((low or small or little or less or least) near2 (variance or covariance or covariance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column))	14 ((((low or small or little or less Ur least) near2 (variance or covariance or covariance or little (standard adj1 deviation) or variation or disparity or uniformity) with (row or column))) and (382.clas. and @ad<20010110)	7 ((((low or small or little or less U or least) near2 (variance or covariance or covariance or lit (standard adj1 deviation) or variation or disparity or uniformity) with (row or column))) and (348.clas. and @ad<20010110)	7 ((((low or small or little or less U or least) near2 (variance or covariance or less tandard adj1 deviation) or variation or disparity or uniformity)) with (row or column))) and (356.clas. and @ad<20010110)
313	4.		7

SEARCH HISTORY		
S&R R	15 (("4630307") or ("4642678") or ("4803548") or ("4724395") or ("5506619") or ("5778106") or ("590950") or ("4176373") or ("3971065") or ("4716455") or ("5065229") or ("5373322") or ("5629734") or ("5652621")).PN.	USPAT; US-PGPUB
IS&R	1 ("6577762").PN.	USPAT; US-PGPUB
BRS	1 document adj optimized adj reconstruction	USPAT; US-PGPUB
BRS	11 (image adj (construct\$8 or reconstruct\$8)) same (linear adj (transform\$8 or function\$4))	USPAT; US-PGPUB
BRS	6 (image adj (construct\$8 or reconstruct\$8)) same (linear adj (transform\$8 or function\$4)) and @ay<2001	USPAT; US-PGPUB
BRS	6 ((image or document) adj (construct\$8 or reconstruct\$8)) same (linear adj (transform\$8 or function\$4)) and @ay<2001	USPAT; US-PGPUB
BRS	1232 color adj filter adj array	USPAT, US-PGPUB
	85 color adj filter adj array and 382.clas.	USPAT; US-PGPUB
BRS	54 color adj filter adj array and 382.clas. and @ay<2001	USPAT; US-PGPUB
BRS	11 dance-chris.in. or dance-chistopher.in. or dance-christopher-r.in.	USPAT; US-PGPUB
BRS	90 (color adj interpol\$8) and (cfa or color adj filter adj array)	USPAT; US-PGPUB
BRS	56 (color adj interpol\$8) and (cfa or color adj filter adj array) and @ay<2001	USPAT; US-PGPUB
BRS	0 (color adj interpol\$8) and (cfa or color adj filter adj array) and (no adj spatial) and @ay<2001	USPAT; US-PGPUB
BRS	0 (color adj interpol\$8) and (cfa or color adj filter adj array) and (no near spatial) and @ay<2001	USPAT; US-PGPUB

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USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT, US-PGPUB	USPAT	USPAT	USPAT; US-PGPUB
0 (color adj interpol\$8) and (cfa or color adj filter adj array) and (spatial) and (the adj position) and @ay<2001	28 (color adj interpol\$8) and (cfa or color adj filter adj array) and ((spatial) or (the adj position)) and @ay<2001	0 (color adj interpol\$8) same (cfa or color adj filter adj array) same ((spatial) or (the adj position)) and @ay<2001	5 (color adj interpol\$8) same ((spatial) or (the USPAT; US-PGPUB adj position)) and (cfa or color adj filter adj array) and @ay<2001	color adj interpol\$8) or (transform\$8 or nction\$8)) same ((spatial) or (the adj sition)) and (cfa or color adj filter adj ray) and @ay<2001	5 == _		7 ("4574311" "4910694" "5172227" "5272536" "5363318" "5812336" "5960106").PN.	255 (transform\$8 or function\$4) and (mean or average) and (variance) and ((image adj reconstruction) or (CFA or (color adj array adj filter))) and @ay<2001
0	28	0	ις.	119(() fu pr	13	4	7	255
BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS

USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB
77 (transform\$8 or function\$4) and (mean or average) and (variance) and ((image adj reconstruction) or (CFA or (color adj array adj filter))) and @ay<2001 and (382.clas. or 345.clas.)	87 (transform\$8 or function\$4) and (mean or average) and (variance) and (image adj reconstruction) or (CFA or (color adj array adj filter))) and @ay<2001 and (382.clas. or 345.clas. or 348.clas.)	212 ((curve adj fit\$8) or (regression) or (least?square or least?squares) or spline) and (cfa or (color adj filter adj array)) and @ay<2001	13 ((curve adj fit\$8) or (regression) or (least?square or least?squares) or spline) and (cfa or (color adj filter adj array)) and @ay<2001 and (348.clas. or 382.clas. or 345.clas.)	(curve adj fit\$8) or (regression) or (least?square or least?squares) or spline or (best adj fit) and (cfa or (color adj filter adj array)) and @ay<2001	23 (sum or summation or add or added or addition) and ((least?square or least?squares) or spline or (best adj fit)) and ((color adj filter adj array) or cfa) and @ay<2001
BRS	BRS	BRS	BRS	BRS	BRS

USPAT, US-PGPUB	USPAT, US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT	USPAT	USPAT; US-PGPUB	USPAT
(sum or summation or add or added or addition) and ((least?square or least?squares) or spline or (best adj fit)) and (((document or image or color or tone or tonal or (color adj filter adj array) or CFA) adj (construction or reconstruction or re?construction or recovery)) or (color adj interpolation)) and @ay<2001	(sum or summation or add or added or addition) and ((least?square or least?squares) or spline or (best adj fit)) and (((document or image or color or tone or tonal or (color adj filter adj array) or CFA) adj (construction or reconstruction or re?construction interpolation)) and @ay<2001 and interpolation)) and @ay<2001 and (382.clas. or 345.clas. or 348.clas. or 358.clas.)		4803548.pn.	kirk-richard-a.in.	("4400721" "4612570" "4630307" "4739395").PN.	4803548.URPN.	("5652621").PN.	(US-4176373-\$ or US-3971065-\$ or US-4716455-\$ or US-4803548 \$ or US-5065229-\$ or US-5373322-\$ or US-5382976-\$ or US-5506619-\$ or US-4630307 \$ or US-4642678-\$ or US-5629734-\$ or US-5652621-\$ or US-5778106-\$ or US-5990950 \$).did.
261	107	1	1	16	4	6	1	r.
BRS	RS S	BRS	BRS	BRS	BRS	BRS	IS&R	S S S S

USPAT; US-PGPÜB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB
0 ((US-4176373-\$ or US-3971065-\$ or US-4803548 4716455-\$ or US-4724395-\$ or US-4803548 \$ or US-5065229-\$ or US-5373322-\$ or US-5382976-\$ or US-5506619-\$ or US-4630307-\$ or US-4642678-\$ or US-5629734-\$ or US-5652621-\$ or US-5778106-\$ or US-5990950-\$). did.) and confidence	5 ((US-4176373-\$ or US-3971065-\$ or US-4803548 4724395-\$ or US-4803548 \$ or US-5065229-\$ or US-5373322-\$ or US-5382976-\$ or US-5506619-\$ or US-4630307 \$ or US-4642678-\$ or US-5629734-\$ or US-5652621-\$ or US-5778106-\$ or US-5990950-\$).did.) and predict\$	1 ("20020122175").PN. 16 (US-6580837-\$ or US-6078307-\$ or US-6600833-\$ or US-6889554-\$ or US-6094508 \$ or US-6356276-\$ or US-6466618-\$ or US-5838813-\$ or US-4803548-\$ or US-6430313-\$ or US-6130960-\$ or US-6091851-\$ or US-621084-\$ or US-6392699-\$).did. or (US-20030053684-\$ or US-20020012398-\$).did.	0 ((US-6580837-\$ or US-6078307-\$ or US-6600833-\$ or US-5889554-\$ or US-6094508 \$ or US-6356276-\$ or US-6466618-\$ or US-5838813-\$ or US-4803548-\$ or US-6430313-\$ or US-6130960-\$ or US-6091851-\$ or US-6421084-\$ or US-6392699-\$). did. or (US-20030053684-\$ or US-20020012398-\$). did.) and aharya.in.
BRS	BRS	BRS	BRS

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		-													
USPAT; US-PGPUB	USPAT	USPAT	USPAT; US-PGPUB	USPAT	USPAT	USPAT	USPAT; US-PGPUB	USPAT	USPAT	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB
7 ((US-6580837-\$ or US-6078307-\$ or US-6600833-\$ or US-5889554-\$ or US-6094508-\$ or US-6356276-\$ or US-6466618-\$ or US-6356276-\$ or US-6466618-\$ or US-638813-\$ or US-6130960-\$ or US-6091851-\$ or US-6421084-\$ or US-6392699-\$), did. or (US-20030053684-\$ or US-20020012398-\$), did.) and acharya.in.	4 ("4400721" "4612570" "4630307" "4739395"). PN.	9 4803548.URPN.			ZPN.	10 ("4663661" "5053861" "5065229" "5251019" "5251019" "5596619" "5596619" "5596367" "5631703" "5652621" "5901242").PN.	1 ("4605956").PN.	3 ("3588224" "3696202" "4176373").PN.	28 4605956.URPN.	1 4642678.pn. and (cfa or (color adj filter asj Larray))	0 (color adj interpol\$8) same (cfa or color adj Lifter adj array) and (confidence)	146 (cfa or (color adj filter adj array)) and (confidence)	(cfa or (color adj filter adj array)) and (confidence) and (382.clas. or 348.clas. or 375.clas. or 345.clas.)	48 (cfa or (color adj filter adj array)) and (confidence) and (382.clas. or 348.clas. or 375.clas. or 345.clas.)	14 (confidence adj measure) same ((least adj Usquare) or (linear near regression))
	4	6	1	6	10	10	1	8	28	-	0	146	-	48	41
BRS	BRS	BRS	IS&R	BRS	BRS	BRS	IS&R	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS

BRS	1 (confidence adj (coefficientor indicator)) same ((least adj square) or (linear near regression))	USPAT; US-PGPUB		
BRS	4 (confidence adj (coefficient or indicator)) same ((least adj square) or (linear near regression))	USPAT; US-PGPUB		
BRS	26 (confidence adj (coefficient or indicator)) and ((least adj square) or (linear near regression))	USPAT; US-PGPUB		

TACCED			_		
US 4803548 A	19890207	7 Color video image enhancement	348/630		Kirk, Richard A.
US 20030053684 A1	20030320	11 Block-matching algorithm for color interpolation	382/164	358/1.9	Acharya, Tinku
US 6430313 B1	20020806	12 Using a minimal number of parameters for correcting the response of color image sensors	382/167	382/162	Smith, Ronald D. et al.
US 6130960 A	20001010	12 Block-matching algorithm for color interpolation	382/167	358/525	Acharya, Tinku
US 6091851 A	20000718	11 Efficient algorithm for color recovery from 8-bit to 24-bit color pixels	382/167	348/266; 348/272	Acharya, Tinku
US 5696848 A	19971209	21 System for creating a high resolution image from a sequence of lower resolution motion images	382/254	382/299; 382/300	Patti, Andrew J. et al.
US 20020012398 A1	20020131	66 Digital still camera system and method	375/240.25		Zhou, Minhua et al.
US 6421084 B1	20020716	9 Method for interpolating a full color image from a single sensor using multiple threshold-based gradients	348/273	348/223.1	Chang, Edward T. et al.
US 6356276 B1	20020312	18 Median computation-based integrated color interpolation and color space conversion methodology from 8-bit bayer pattern RGB color space to 12-bit YCrCb color space	345/600	345/427; 345/589; 345/604	Acharya, Tinku
US 5889554 A	19990330	13 Process and system for generating a full color image of multispectral image from the image data of a CCD image sensor with a mosaic color filter	348/273	348/278	Mutze, Ulrich
US 6466618 B1	20021015	19 Resolution improvement for multiple images	375/240.01	348/42; 348/43	Messing, Dean et al.

US 5838813 A	19981117	20 Dithered image reconstruction	382/103	250/208.1;	250/208.1; Kancler, Henry
				358/406;	C. et al.
				358/466;	
				358/474;	
				382/270;	
			•	382/312	
US 6078307 A	20000620	12 Method for increasing	345/600	345/698	Daly, Scott J.
		luminance resolution of color			
		panel display systems			
US 6580837 B1	20030617	16 Up-sampling decimated color	382/300	345/606;	Johnson, Louis
	· • •	plane data		345/616;	
				382/264;	
				382/267	